






DE19616841

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A coated substrate comprises a surface carrying a plurality of metal layers formed of silver or silver alloy and layers of a transparent dielectric non-absorbent material. The sequence of layers is: (i) a first layer of transparent dielectric non-absorbent material adjacent the substrate having an optical thickness of between 60 and 75 nm; (ii) a first layer of silver or silver alloy having a geometric thickness of between 9 and 11 nm; (iii) a second layer of transparent dielectric non-absorbent material having an optical thickness of between 135 and 170 nm; (iv) a second layer of silver or silver alloy having a geometric thickness of between 12 and 15 nm; and (v) a third layer of transparent dielectric non-absorbent material having an optical thickness of between 45 and 65 nm. The nature and thicknesses of the coating layers are such that the coated substrate exhibits a luminous transmission TLC greater than 70%, a solar factor F S less than 47%, and a purity of colour in reflection normal to the opposite surface of not more than 12%. The products may be used as glazing panels for buildings or vehicles.

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